

Thank you for choosing CARO for your cannabis testing needs!

The following tables outline the sample volumes required for each test, and combination of tests. Please note that in many cases the required volume for a package is less than the sum of the individual test volumes. Samples are to be submitted to CARO's Burnaby Laboratory:



108-4475 Wayburne Drive, Burnaby BC, V5G 4X4

Tel: (604) 279-1499 or Toll Free: (888) 311-8846

Table 1. Canadian Cannabis Regulatory Packages

Canadian Cannabis Regulations Package	Analyses	Dry Flower (g)	Oil/ Concentrates/ Edibles (mL or g)	Total Volume: Chem + Micro	
				Dry Flower	Oil/ Concentrates/ Edibles
Chemistry Tests	Potency (5), Aflatoxins, Pesticides, Heavy Metals, Foreign Matter, Residual Solvents (Oil Only)	10	12		
Microbiology Tests - EP*	BTGN Bacteria, <i>E. Coli</i> , Total Aerobic Count, Total Yeast and Molds, <i>Salmonella</i> (25 g)	33	18	EP: 43 USP: 36	EP:30 USP: 44
Microbiology Tests - USP*	BTGN Bacteria, <i>E. Coli</i> , Total Aerobic Count, Total Yeast and Molds, <i>Salmonella</i> (10 g)	26	26		

*If *Staphylococcus Aureus* & *Pseudomonas aeruginosa* are also required, please include an additional 5 g / 5 mL for EP or USP methods.

Table 2. Individual Chemistry Tests

Cannabis Chemistry Tests	Method	Dry Flower (g)	Oil/Concentrates/ Edibles (mL or g)
Aflatoxins *	USP <561>	2	2
Cannabinoids (16)	In House	2	2
Potency * (THC, THCA, CBD, CBDA, CBN)			
Foreign Matter *	USP <561>	2	2
Heavy Metals *	USP <561>	2	2
Loss on Drying	USP <731>	2	2
Ochratoxin A	EP 2.8.22	2	2
Pesticides * (Full Health Canada List - 96)	In House	2	2
Residual Solvents	USP <467>	2	2
Terpenes	In House	2	2

*Included in the Canadian Cannabis Regulations Package (see Table 1). "Potency" parameters refer only to the 5 compounds listed, as required by the Canadian Cannabis Regulations Package.

Table 3. Individual EP and USP Method Microbiological Tests At CARO, our goal is to help make the consumption of Cannabis safer and Healthier.

Individual Tests						
	EP Method	Dry Flower	Oil/ Concentrate/ Edibles	USP Method	Dry Flower	Oil/ Concentrates/ Edibles
Bile-Tolerant Gram-Negative Bacteria (Plate method)	2.6.13 / 2.6.31	2	2	2021	2	2
BTGN (Pour Plate)	2.6.31 (mod)	2		2021 (mod)	2	
<i>E. coli</i> (Plate method)	2.6.13 / 2.6.31	2	2	2022	10	10
<i>E. coli</i> (PCR)	PCR	2	2	PCR	10	10
<i>Pseudomonas aeruginosa</i> (Plate method)	2.6.13	2	2	62	2	2
<i>Pseudomonas aeruginosa</i> (PCR)	PCR	2	2	PCR	2	2
<i>Salmonella</i> (Plate method)	2.6.31 / 2.6.13	25	10	2022	10	10
<i>Salmonella</i> (PCR)	PCR	25	10	PCR	10	10
<i>Staphylococcus aureus</i> (Plate method)	2.6.13	2	2	62	2	2
<i>Staphylococcus aureus</i> (PCR)	PCR	2	2	PCR	2	2
Total Aerobic Microbial Count (Pour Plate)	2.6.12	2	2	2021	2	2
Total Aerobic Microbial Count (Petrifilm)	2.6.12	2	2	2021 / 61	2	2
Total Yeast and Mold Count (Pour Plate)	2.6.12	2	2	2021	2	2
Total Yeast and Mold Count (Petrifilm)	2.6.12	2	2	2021 / 61	2	2
Frequently Requested Test Combinations						
Bile-Tolerant Gram-Negative Bacteria, Total Aerobic Microbial Count, Total Yeast and Mold Count (Plate method)	(See above)	6	6	(See above)	6	6
<i>E. coli</i> & <i>Salmonella</i> (Plate method)	(See above)	27	12	(See above)	20	20
<i>E. coli</i> , <i>Pseudomonas</i> , <i>Salmonella</i> , and <i>Staphylococcus</i> by (PCR)	(See above)	31	16	(See above)	24	24

If you have any questions, please reach out to your Account Manager or email teamcaro@caro.ca and someone will get back to you as soon as possible. In the case of an emergency, you can also call 1-888-311-8846.

Caring About Results... Obviously!